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Using the iPad to Support Students with Disabilities in School

Scott Renner



How To Access Built in iPad Features

- Tap “Settings”
- “General” on the left
- Scroll down to “Accessibility”



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Built in iPad Features

- ☐ VoiceOver Screen Reader:
 - Touch screen to hear item description
- ☐ Zoom Magnification
 - 100% to 500% magnification screen
- ☐ Large Text
 - 56 pt text for Alerts, Calendar, Contacts, Mail, Messages, & Notes
- ☐ White on Black
 - Change to higher contrast
- ☐ Speak Selection
 - Reads highlight text loud
- ☐ Speak Auto-Text
 - Reads text read aloud



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Built in iPad Features

- ☐ Head Set Compatibility
 - Works with a variety of headsets
- ☐ Triple Click Home Button Feature (Turns on and off)
- ☐ Closed Captioning
- ☐ Audible Alerts
 - Incoming/outgoing mail, calendar events, confirm keyboard actions
- ☐ Multitasking Gestures
 - Return to home screen: pinch 4/5 fingers
 - Reveal multitasking bar: swipe up with 4/5 fingers
 - Switch apps: swipe left or right with 4/5 fingers
- ☐ Assistive Touch
 - Use for mouthstick users
- ☐ Support for Braille Display



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Focus 40 Blue Braille Display

- ☐ Refreshable 40-cell braille display
- ☐ Connects via USB or wirelessly with Bluetooth
 - 20 hours of battery life
- ☐ WHIZWHEELS lets you scroll by line, sentence, or paragraph, or pan through document
- ☐ 10 configurable hot keys centered behind the cursor routers
- ☐ VariBraille allows you to select the firmness of the Braille display
 - \$2,795



iPad Accessories

Jabra Cruiser 2

- ❑ Pair with Bluetooth on iPad to create a loud speaker
 - Great for loud, crowded rooms
 - Amplifying communication apps
- ❑ Sample Apps:
 - TapToTalk, Proloquo2Go, Sono Flex Lite (AAC apps)
 - Web Reader
 - Locabulary Lite
 - Steps

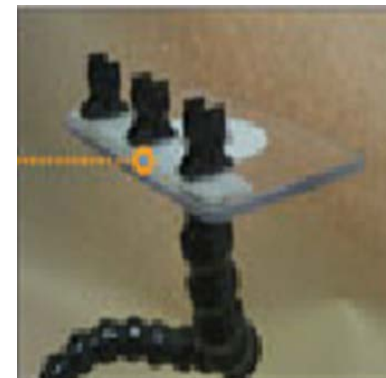


\$79.99

www.jabra.com/Products/Speakerphones/JABRA_CRUISER2/Jabra_CRUISER2

Modular Hose

- ☐ Position iPad, or any portable device, on your desk, bed, wheelchair arms, or virtually anywhere allowing:
 - Hands-free work environment
 - Stable video recordings
 - Clear & professional video conferences
- ☐ Holds switch mounts in any position for head, arm, or leg
- ☐ Plates can be used for mouth docking stations



Modular Hose Starter Kit- \$276.89
Modular Hose iPad stand- \$75-\$85

www.modularhose.com/applications/Assistive-Technology



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OtterBox: *Defender*

- ❑ *Defender* case protects against bump, shock, drop and dust intrusions
 - Shell: Polycarbonate with foam interior to protect from scratching
 - Skin: Shock absorbing silicone
 - Built-in screen protector
- ❑ Clip-on touch screen cover equipped with fold-out stand for ease of use



\$89.95

http://www.otterbox.com/New-iPad-and-iPad-2-Defender-Series-Case/APL2-IPADD,default,pd.html?dwvar_APL2-IPADD_color=M3&start=1&cgid=new-ipad-cases



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Griffin: *Survivor*

- ❑ *Survivor* case protects against dirt, sand, rain, shock, vibration, temperature, humidity, and many more environments
 - Shell: Shatter-resistant polycarbonate frame
 - Skin: Shock absorbing silicone
 - Built-in screen protector for outside environment
- ❑ Hinges seal off dock connector, camera lens, headphone port, & mute/switch volume controls
- ❑ Clip-on stand folds open for landscape viewing

\$79.99



<http://store.griffintechology.com/ipad/survivor-ipad-3>



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AirTurn Bluetooth Interface

- ❑ Bluetooth interface automatically connects with the iPad to make switch commands simple
- ❑ 2 audio jacks allow multiple switches to be connected
 - Multiple interfaces can also be used in the same space
- ❑ Status indicator light notifies pairing & communication
- ❑ Internal rechargeable battery with mini USB recharging port



\$99.00

<http://www.rjcooper.com/bluetooth-switch-interface/index.html>

Dragon Dictation

Free



- ❑ Tap recording symbol and speech begins to appear in text format
 - Send as text message or email
 - Add text to your notes
 - Update social media status (Facebook/Twitter)
 - Virtually copy & paste speech- to-text transcription to any application



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Dragon Search

Free



- ❑ Fast & easy way to search the internet
- ❑ Speak your search question and Dragon Search pulls up the top websites and sources



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Web Reader

\$1.99



- ☐ Text to speech technology and web page content recognition allows webpages to be read aloud
- ☐ Read text files, HTML pages, MS Word documents, and PDF files
- ☐ Adjust gender, volume, speed, and more at which content is read

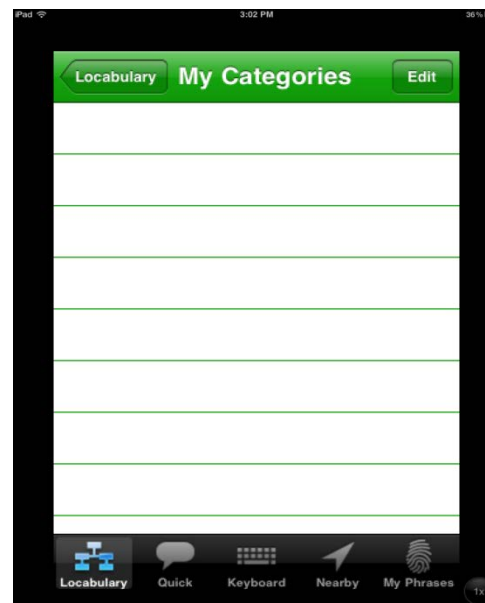


Locabulary Lite

Free



- ❑ Simple & easy to use communication app
- ❑ Use keyboard to customize words, phrases, and sentences
- ❑ Tap “Speak” to convert your text into speech
 - For loud environments use with amplifier (SoundAMP or Jabra Cruiser 2)



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TapToTalk

Free



- ❑ Turns iPad into an ACC app
 - Tap the picture and TapToTalk speaks
- ❑ Over 2,000 picture library
- ❑ Customize pages by adding you own voice and photos
- ❑ TapToTalk designers have “synced” albums on the internet for direct download
 - www.TapToTalk.com

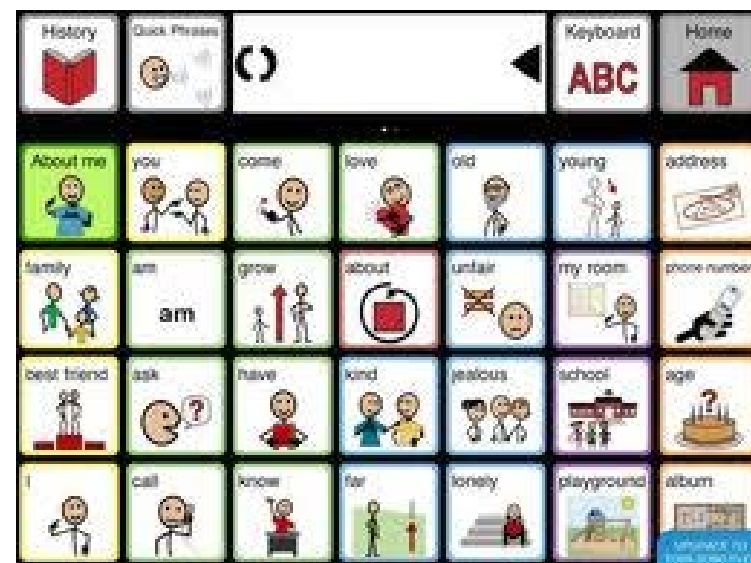


Sono Flex Lite

Free



- ❑ Symbol based AAC vocabulary app turning symbols into speech
- ❑ Customize symbols by taking pictures and adding text
- ❑ Solid structure and flexibility for building versatile communication
- ❑ Great tool for special ed teachers, caregivers, speech and language pathologist, and parents



Proloquo2Go

\$189.99



☐ Full-featured symbol based AAC app

- Over 14,000 symbols
- Advanced word prediction
- Cost friendly solution to AAC device



☐ Natural sounding text-to-speech voices

☐ Customize vocabulary pages from 9 to 36 buttons per page



What kind of music do you like? I love rock and roll.

☐ Two pre-programmed vocabulary organizations

1. Core Word
2. Basic Communication

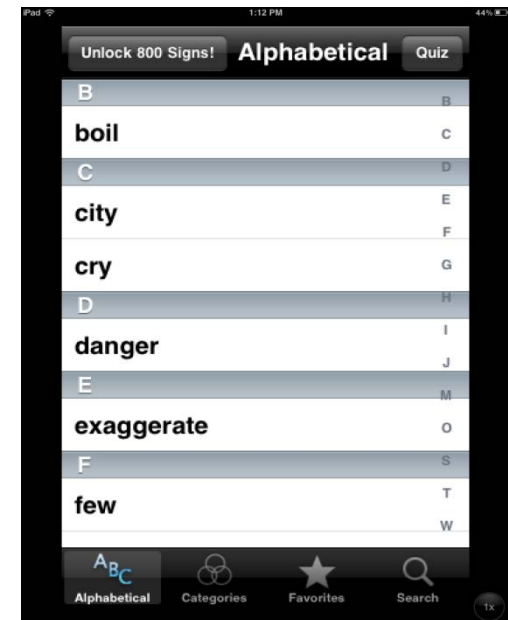
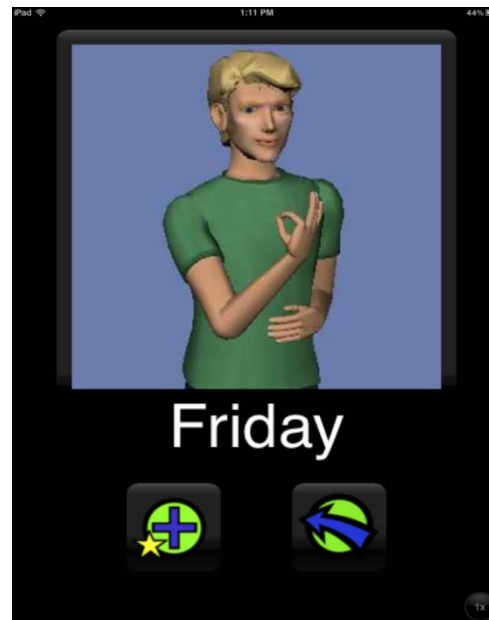


iSign

\$4.99



- ❑ Sign Language app used to help teach common phrases & words
- ❑ 800 American Sign Language (ASL) gestures
 - Animated 3D character demonstrates gestures
- ❑ Easy to sort through gestures by the groups located on the bottom of the screen



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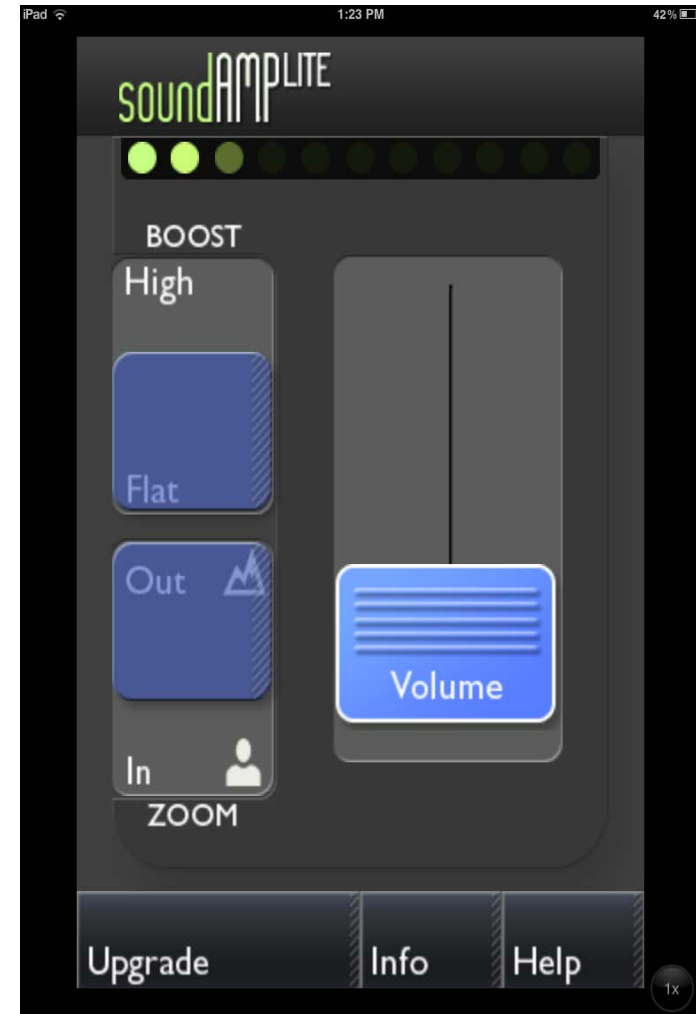
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SoundAMP Lite

\$0.99



- ☐ Adjust amplification volume through your ear phones
- ☐ To amplify table conversations slide the “Zoom” button to “In”
 - Reduces background noise
- ☐ To amplify background noise slide the “Zoom” button to “Out”
 - Increases ability to hear lectures, TV, and other noises from afar

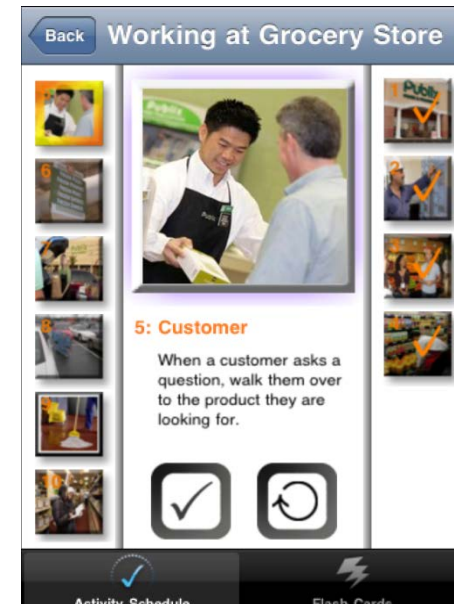
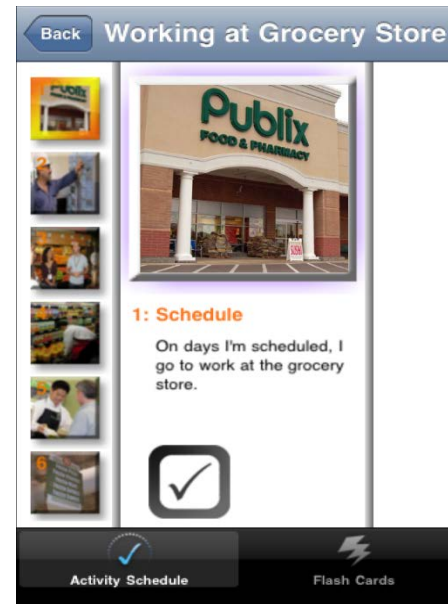
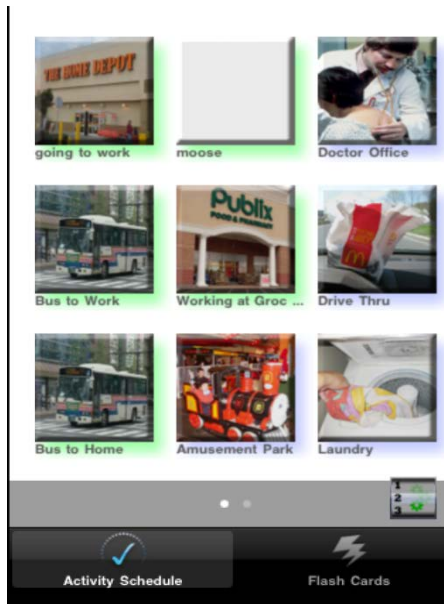


Steps

\$9.99



- ❑ Customize a sequence of steps to perform tasks or an activity schedule using pictures & voice recordings
- ❑ Steps are in a check-off format
 - This ensures steps are performed in order so no steps are skipped



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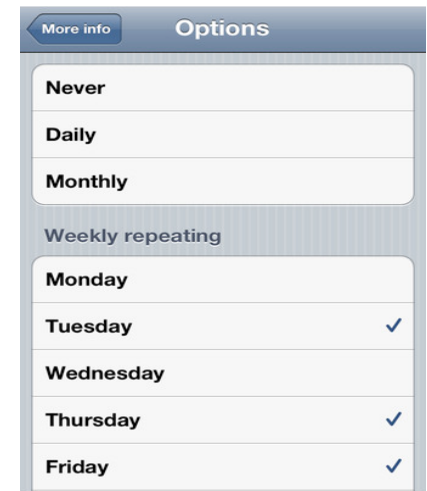
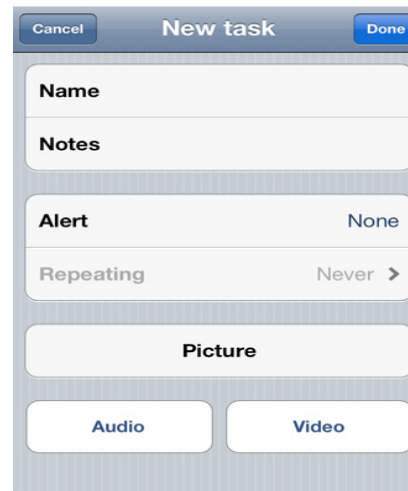
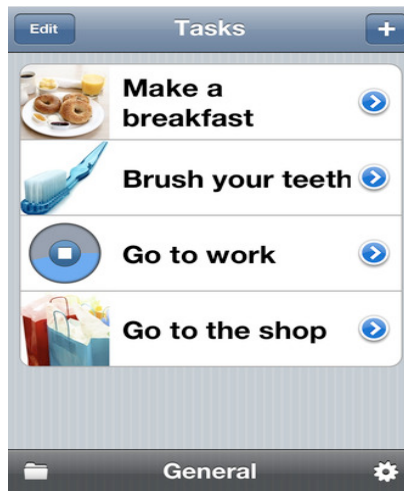
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Picture Scheduler

Free



- ☐ Create & organize steps to help complete tasks
 - Make breakfast, brush your teeth, go to work, feed the dog
- ☐ Create each visual task with attached audio, video, or picture
- ☐ Each task is organized into categories with pictures
- ☐ Alarms can be repeated daily, weekly, monthly, or select specific weekdays



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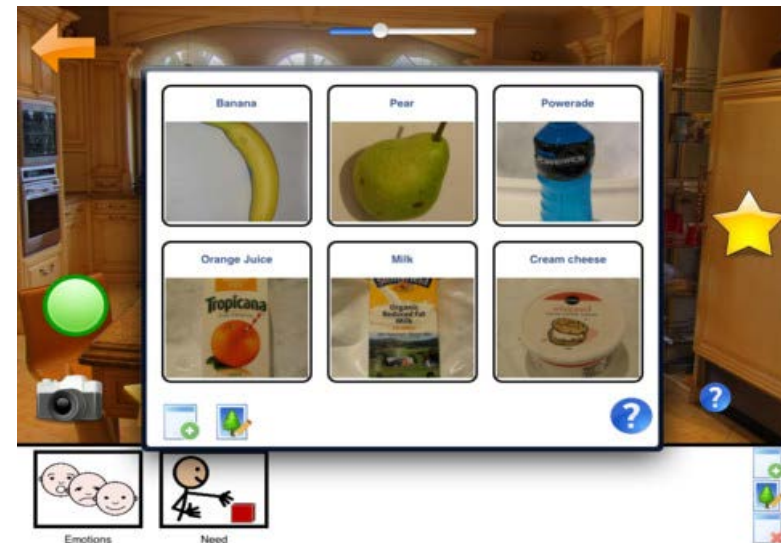
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AutisMate

\$49.99



- ☐ Use custom pictures, videos, and voice recordings to create interactive scenes from an environment
- ☐ Familiar scenes make it easy to learn:
 - Communication skills
 - Functional skills
 - Social skills
 - Routines & more!



MedsLog LITE

Free

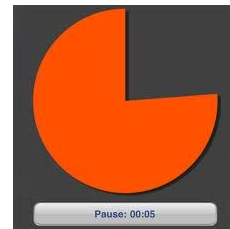


- ☐ Helps you remember
 - which medications to take
 - When to take them
- ☐ Maintains a log of past consumptions
- ☐ Set alarm or calendar events to remind you of missed doses
- ☐ Supports multiple users
- ☐ Email data to yourself or physician

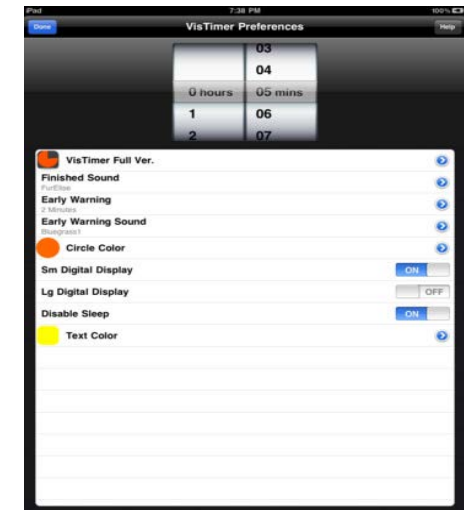


VisTimer

\$1.99



- ☐ Visual timer that shrinks as time passes
- ☐ Being able to see the changing pie chart as time passes makes time easier to understand
- ☐ Easy to explain to children
- ☐ Great for child who are autistic
- ☐ Change pie chart color, alarm sound, and text color



Everyday Social Skills HD

\$1.99



- ❑ Covers basic social skills needed for daily activities
 - Focuses on functional life, literacy, math, social, health, transportation, and work skills
- ❑ 6 categories with 75 videos total
- ❑ Narrated with human sounding speech



You know that you are lost

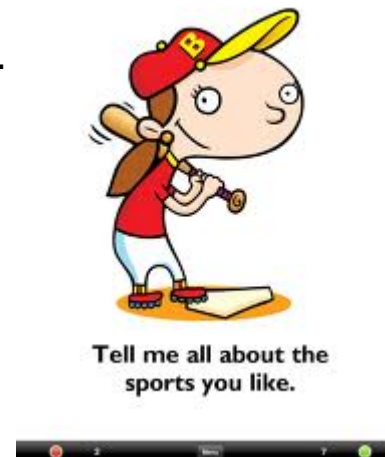


All About You All About Me

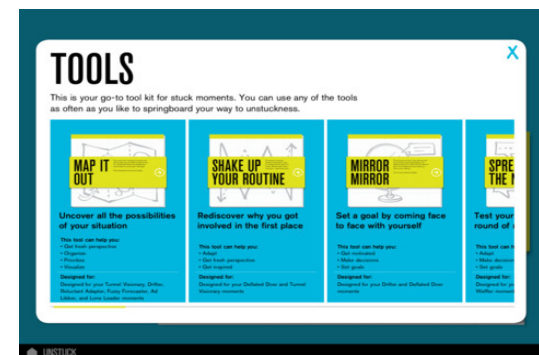
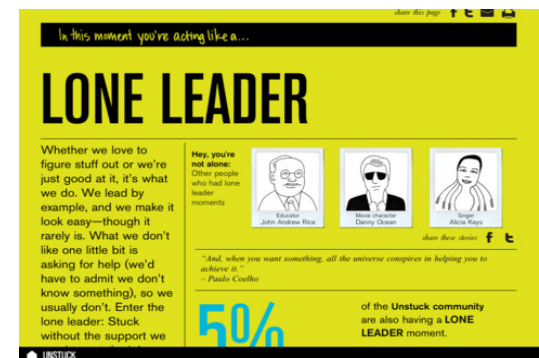
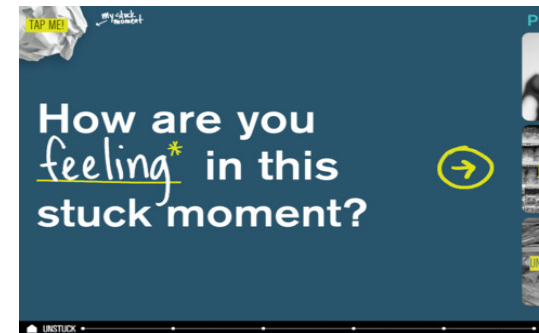
\$1.99



- ☐ Choose cards you want students to see
- ☐ Have them ask and answers essential questions about getting to know someone
 - What is your name?
 - What is your phone number?
 - Where do you live?
 - Tell me about your friends.
- ☐ Track correct and incorrect responses



- ❑ New digital & personalized approach to help anyone get from “stuck” to “unstuck”
- 1. Figure out why you’re stuck
 - What’s really going on
- 2. Learn how to get unstuck
 - Identifies & helps you understand the type of moment your having
- 3. Take action
 - Get tried-and-true tips and tools to help you move forward



Dijit Paired With Beacon

Free



- ❑ Turns your iPad into universal remote when paired with Griffin Technology's Beacon
- ❑ Customizable remote control interface
 - Pair favorite channels, shows, & TV guide
- ❑ Create settings for TV, Blu-Ray, and stereo to be played at same time
- ❑ Supports multiple systems in different rooms or houses
- ❑ Beacon \$69.99
<http://store.griffintech.com/>
Type Beacon in search



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SP400 Wireless Smart-Pointer

\$37.99



- ❑ Wireless presenter gives the freedom of 100ft movement

- ❑ Universal Compatibility
 - Connects to USB port
 - No aiming at receiver

- ❑ Mouse Functions:
 - Page up/down
 - Mouse arrow
 - Right/left click
 - Darken screen
 - Resume screen

- ❑ Laser Pointer 100ft. Range

- ❑ Connect sip and puff to back connectors to change slides



<http://www.satechi.net/index.php/sp400-smart-pointer>



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Android Apps Only

The following apps can be purchased and used on Android devices only!



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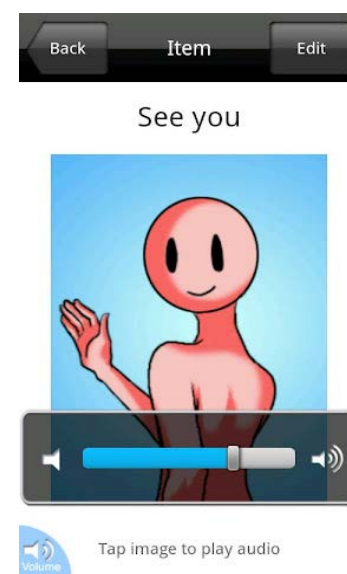
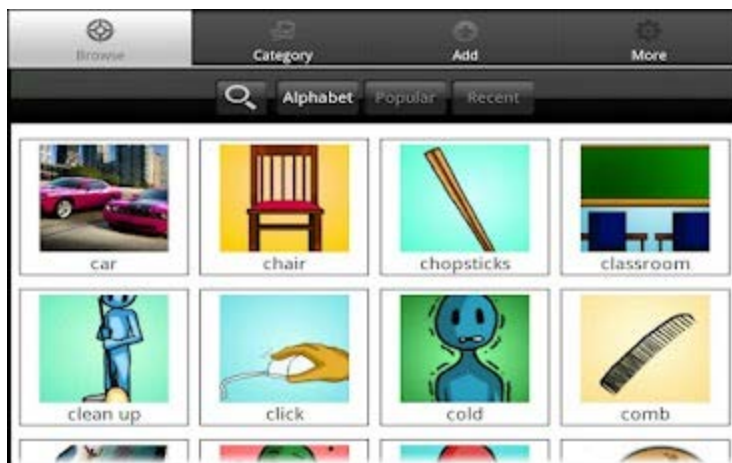
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Voice4u

\$49.99



- ❑ Picture based AAC app
- ❑ Helps express feelings, thoughts, actions, and things they need
- ❑ 150 built in icons and options for creating your own

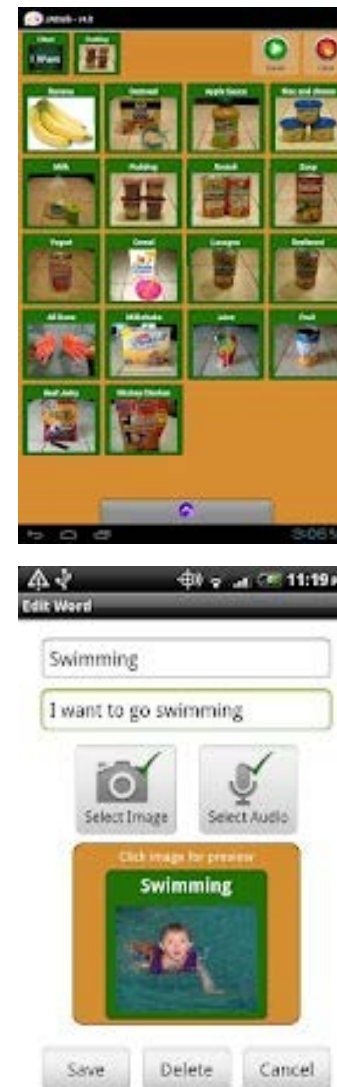


JabTalk

Free



- ☐ AAC device
- ☐ Set up pages by selecting words and adding personal pictures and voice recordings
- ☐ Organize your customized words by grouping them into categories
- ☐ Text-to-speech if you don't want to record



First Then Visual Schedule

\$9.99



- ☐ Create customized schedules for daily events, routines, and activities
- ☐ Include steps on how to complete these tasks
- ☐ Take personal pictures, add sound, and timers





- | I would like a fish sandwich | | | | |
|---|---|---|---|---|
| Speak | Speak & Clear | Clear | | |
| I would like | a fish sandwich | a fish sandwich | a hamburger | back |
|  |  |  |  |  |
| I don't want | a hot dog | chicken | sandwich | a milkshake |
|  |  |  |  |  |
| baked potato | soft cheese | a cookie | a drink | a drink |
|  |  |  |  |  |
| french fries | onion rings | shrimp | salad | condiments |
|  |  |  |  |  |
| yes | no | more | please | thank you |
|  |  |  |  |  |

- I would like fruit

Speak Speak & Clear Clear

I would like 	strawberries 	pineapple 
an orange 	blueberries 	a peach 
an apple 	melon 	raspberries 



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Behavior Status

Free



- ☐ Record daily behavior of your child or classroom
- ☐ Uses Green/Yellow/Red stoplight inputs to record
- ☐ View behaviors overtime
- ☐ Record notes

